



1. Purpose of the product

Cathodic protection is often used to mitigate corrosion damage to active metal surfaces. It is used all over the globe to protect pipelines, water treatment plants, above and underwater storage tanks, ship and boat hulls, offshore production platforms, reinforcement bars in concrete structures and piers, and more. Cathodic station modifications according to output power are shown in the table

1. Table

Type	U^{\max} (V)	I^{\max} (A)
KS-48-50	48,00	50,00
KS-48-20	48,00	20,00
KS-48-10	48,00	10,00
KS-48-5	48,00	5,00
KS-48-2,5	48,00	2,50
KS-24-10	24,00	10,00
KS-24-5	24,00	5,00
KS-24-2,5	24,00	2,50
KS-24-1,0	24,00	1,000
KS-12-5	12,00	5,00
KS-12-2,5	12,00	2,50
KS-12-1,0	12,00	1,000
KS-12-0,5	12,00	0,500

2. TECHNICAL PARAMETERS

1. Supply voltage – (160...250)V, (47...63)Hz.
2. Maximum output voltage up to 48V; (according to the customer's requirements)
3. Maximum output power (6...2500) W;
4. coefficient of useful action – no less than 80%.
5. Operating temperature range – from -40 to +50°C.
6. Relative humidity up to 98%.
7. The input impedance of the potential measuring circuit >10MoM.
8. Output voltage adjustment range from 0V to U_{MAX} .
9. Output current regulation limits from 0A to I_{MAX} .
10. Limits of regulation and measurement of protective potential (0...3000)mV.
11. Potential measurement error- 1%.
12. Current measurement error - 1,5%.
13. Voltage measurement error – 1,5%.
14. Dimensions 700 x 500 x 270 mm.
15. Weight 25kg.